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BANGALORE UNIVERSITY
DEPARTMENT OF CIVIL ENGINEERING

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BUB/CTE/2014-15

Date: 25-01-2015

TEST REPORT ON WET MIX MACADAM MIX
(GRADATION TEST)

Sub: To conduct Gradation test on Wet Mix Macadam (WMM) Mix.
{Project*: Improvements and asphalting to roads from Vidyaranaypura last Bus Stop to GKVK Double road Via HMT 6th and 7th Block roads in Ward No 09}in Vidyaranypaura sub division}.

Ref.: Letter No. Testing/BUB/2014-15, dated 24-01-2015

Name of the Agency/Contractor* : Mr. C.Shivaraj, Contractor,BBMP, Bangalore.

Report required for* : Assistant Executive Engineer,
Vidyaranypaura Sub-Division, BBMP, Bangalore.

TEST RESULTS

1. Gradation Test:

TABLE 1.1

Sieve Size mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Specified Limits as per MoRTH Specifications, IV Revision-2001
53	100.00	100
45	96.30	95-100
26.5	---	-
22.4	74.50	60-80
11.2	53.40	40-60
4.750	33.80	25-40
2.360	17.00	15-30
0.600	18.00	8--22
0.075	2.40	0--8

*As Furnished by Client.

The Results relate only to the items tested.

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BUB/CTE/2014-15

Date: 29-01-2015

1.TEST REPORT ON BITUMINOUS MIXES :

(BITUMEN EXTRACTION TEST & GRADATION TEST)

Sub: To determine the percentage of bitumen and gradation for BC mix sample.
{Project*: Improvements and asphalting to roads from Vidyaranaypura last Bus Stop to GKVK Double road Via HMT 6th and 7th Block roads in Ward No 09}in Vidyaranypaura sub division}.

Ref.: Letter No. Testing/BUB/2014-15, dated 28-01-2015

Name of the Agency/Contractor* : Mr. C.Shivaraj, Contractor,BBMP, Bangalore.

Report required for* : Assistant Executive Engineer,
Vidyaranypaura Sub-Division, BBMP, Bangalore.

TEST RESULTS

A. Type of Construction : **Bituminous Concrete(40mm thick).**

1.The bitumen content obtained after subjecting the sample for Bitumen Extraction test = **5.16 %** 2.**Gradation Test**

TABLE 1.1

Sieve Size, mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Gradation requirement as per Table 500-15 of MORTH Specfications-2001 BC (Grading – 2)
19.0	100	100
13.2	90.10	79-100
9.5	75.60	70-88
4.75	63.00	53-71
2.36	53.20	42-58
1.18	45.60	34-48
0.600	35.00	26-38
0.300	25.70	18-28
0.150	16.20	12-20
0.075	6.30	4-10

*As Furnished by Client.

The Results relate only to the items tested.

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SKV

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29/01/15

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